

CLAIMS:

1. A peeling, grinding, breaking and blending device for food, vegetables and fruits, said device comprises

5 a base provided therein with an operating motor and provided on an upper end thereof with a connecting portion rotatable synchronically with said operating motor;

a lower cover mounted on said base and having a receiving room, said lower cover is provided with a juice outlet;

10 a cutting and grinding portion connected with said connecting portion provided on said upper end of said base for synchronic rotation with said operating motor, said cutting and grinding portion is provided on an upper surface therewith a cutting, peeling and grinding plate, said cutting, peeling and grinding plate is provided with a plurality of toothed knives, and further at the surrounding portion of said toothed
15 knives is provided with a grinding layer, and

an upper cover used for covering said lower cover and provided with a through hole extending therethrough downwardly from above, said through hole has on the bottom thereof an annular grinding layer, an stopper layer is provided with the grinding layer;

20 thereby when squeezing juice, the fruits and vegetables are placed in through the through hole of the upper cover, the toothed knives of the cutting, peeling and grinding plate perform cutting, and the grinding layer provided peripherally thereof the cutting, peeling and grinding plate performs grinding together with the annular grinding
25 layer of the upper cover; when in grinding food, the speed of placement

of the food is retarded by the stopper layer in favor of direct cutting and grinding.

2. The device as described in claim 1, wherein said through hole of upper cover is formed with a large semi-circle and a small semi-circle; said device further include a first combination set and a second combination set, the two combination sets can be selected for use and being placed in though the though hole of the upper cover; said first combination set includes a shielding plate and a stuff pusher plunger, said shielding plate can be fitted into the small semi-circle of the through hole to shield the inner space of the said small semi-circle; said second combination set is a semi-cylinder, its bottom is provided with a cone shape stopper layer, said combination set can be pressed into the large semi-circle of the through hole to retard the speed of the placement of the food for the smooth grinding work.

3. The device as described in claim 1, wherein said small semi-circle of the through hole of the upper cover is provided with connecting grooves corresponding to the shielding plate of the said first combination set, to allow the shielding plate to fit in and be connected.

4. The device as described in claim 1, wherein said stopper layer of the bottom of the upper cover is in an up-inwardly cone shape.

5. The device as described in claim 1, wherein said cutting and grinding portion further include a filter, a cover basic to prevent the juice leaking caused by the cutting, peeling and grinding work, and a sleeve portion provided at the bottom of the cutting and grinding portion; said sleeve portion is an annular sleeve and is provided within with a

plurality of rib-like portions arranged equidistantly; said connecting portion of the base is provided with inclined slots used to be connected with the said rib-like portion.

5 6. The device as described in claim 1, at the upper end of said connecting portion of said base is provided with at least a magnet and on the bottom of said cutting and grinding portion is provided with at least a magnetic member for said magnet to attract, thus, the cutting and grinding portion and the connecting portion of the base can connect tightly.

10 7. The device as described in claim 1, said base further includes a one-directional bearing, said bearing is fixed with the axle of the operating motor at the central portion of the bottom of said base.

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